# Unit Testing

Test the **core** functionalities of the project **Bike Shop**.

## Repository Testing

Test the repository layer. Test only methods that **don’t** come with Spring Data.

* Bike Repository
* User Repository

## Entity Testing

Test all entities. Test methods that are **not** properties.

* User Entity

## Service Testing

Test all services for the following areas:

* Repository invocation
* Model mapping
* Business logic

Test the following services:

* Basic User Service
* Social User Service
* Role Service
* Bike Service

## Web Layer Testing

Test all controllers for the following matters:

* Service invocation
* Http status
* View
* Redirect
* Models
* Exception Handling

Test the following controllers:

* Bike Controller
* Facebook Connection Controller
* Facebook Login Controller
* Home Controller
* User Controller

## \* Security Testing

Test whether you have configured your security settings:

* Login
* Authorization
* Logout